

Converting Colors

YIQ(120.4890, 3.1170, 4.0850)

Have a look what the booklet for
YIQ(120.4890, 3.1170, 4.0850)
contains.

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Color

**YIQ(120.4890, 3.1170,
4.0850)**

Conversions

Conversions Part 1

Format	Color
Hex	7E757C
RGB	126, 117, 124
RGB Percent	49%, 46%, 49%
CMY	0.5059, 0.5412, 0.5137
CMYK	0.00, 0.07, 0.02, 0.51
HSL	313°, 4%, 48%
HSV	313°, 7%, 49%
XYZ	18.6042, 18.6131, 21.6815
YIQ	120.4890, 3.1170, 4.0850

Conversions

Conversions Part 2

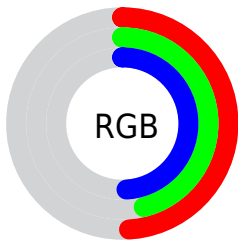
Format	Color
R_{YB}	126, 117, 124
Decimal	8287612
CIE Lab	50.23, 4.83, -2.60
CIE LCh	50, 5.483, 331.719
Yxy	18.6131, 0.3159, 0.3160
Android (android.graphics.Color)	4286477692 (0xFF7E757C)
YUV	120.4890, 1.7309, 4.8331
Hunter-Lab	43.1429, 1.4732, 0.4038

Details

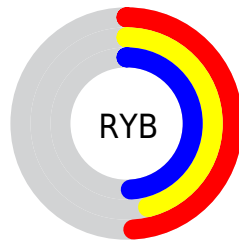
The YIQ color **120.4890, 3.1170, 4.0850** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **122.5110, -3.1170, -4.0850**, and the grayscale version is **120.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **172.7880, 3.7130, 4.2970**, and **72.0760, 2.8420, 3.5620** is the 20% darker color. If you saturate the color by 10%, you get **112.5160, 7.6550, 9.9510**, and if you desaturate by 10%, it is **128.4620, -1.4210, -1.7810**.

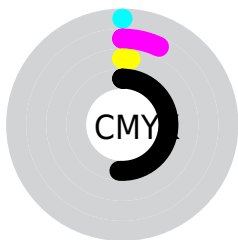
Distribution



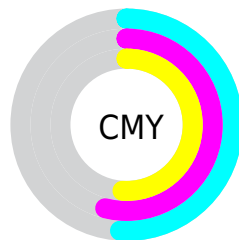
- Red (49%)
- Green (46%)
- Blue (49%)



- Red (49%)
- Yellow (46%)
- Blue (49%)



- Cyan (0%)
- Magenta (7%)
- Yellow (2%)
- Black (51%)



- Cyan (51%)
- Magenta (54%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 120.4890, 3.1170, 4.0850 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 120.4890, 3.1170, 4.0850 by changing the saturation by 10% instead.

■ 120.4890, 3.1170,
4.0850

■ 120.4890, 3.1170,
4.0850

255.0000, -0.0000,
-0.0000

■ 95.4890, 3.1170,
4.0850

■ 172.7880, 3.7130,
4.2970

■ 72.0760, 2.8420,
3.5620

■ 199.9020, 3.3920,
4.6080

■ 49.7770, 2.2460,
3.3500

■ 227.9020, 3.3920,
4.6080

■ 28.7770, 2.2460,
3.3500

253.8260, 0.5500,
1.0460

■ 3.7880, 3.7130,
4.2970

■ 0.0000, 0.0000,
0.0000

■ 120.4890, 3.1170,
4.0850

■ 120.4890, 3.1170,
4.0850

■ 112.5160, 7.6550,
9.9510

■ 128.4620, -1.4210,
-1.7810

■ 105.1300, 11.9180,
15.2940

■ 135.8480, -5.6840,
-7.1240

■ 97.2710, 16.1350,
21.4710

■ 143.7070, -9.9010,
-13.3010

■ 89.8850, 20.3980,
26.8140

■ 151.0930,
-14.1640, -18.6440

■ 81.9120, 24.9360,
32.6800

■ 159.0660,
-18.7020, -24.5100

■ 73.9390, 29.4740,
38.5460

■ 167.0390,
-23.2400, -30.3760

■ 66.5530, 33.7370,
43.8890

■ 174.4250,
-27.5030, -35.7190

■ 58.6940, 37.9540,

■ 182.2840,

50.0660

-31.7200, -41.8960

■ 51.3080, 42.2170,
55.4090

■ 189.6700,
-35.9830, -47.2390

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



119.9230, -1.1010, 3.4350



120.4890, 3.1170, 4.0850



120.2290, 6.7850, 3.6890

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



120.4890, 3.1170, 4.0850



119.1700, 5.2730, -1.9510



118.0420, -8.9860, -2.3460

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



120.4890, 3.1170, 4.0850



122.5110, -3.1170, -4.0850

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



117.8850, -7.1060, -3.3780



120.4890, 3.1170, 4.0850



119.0770, 1.1010, -3.4350

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



120.4890, 3.1170, 4.0850



120.1920, 8.2070, -0.0570



118.5110, -3.1170, -4.0850



118.5090, -8.8030, -0.1550

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



120.4890, 3.1170, 4.0850



120.7730, 8.0690, 2.4450



118.5110, -3.1170, -4.0850



117.9280, -8.6650, -2.6570

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



120.4890, 3.1170, 4.0850



161.1250, 1.1460, 1.2580



118.6240, -1.6970, 3.2230



80.7120, 0.8710, 0.7350



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



120.4890, 3.1170, 4.0850



154.4400, 4.8130, 6.3890



120.0330, 4.4010, 2.8410



59.6630, 2.5670, 3.0390



49.5580, 44.5090, 57.9250



0.0000, 0.0000, 0.0000

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



120.4890, 3.1170, 4.0850



154.4400, 4.8130, 6.3890



122.9670, -4.4010, -2.8410



59.6630, 2.5670, 3.0390



49.5580, 44.5090, 57.9250



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 120.4890, 3.1170, 4.0850 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 120.4890, 3.1170, 4.0850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

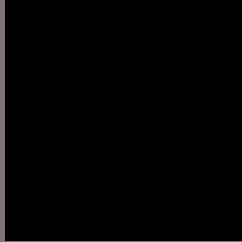
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 120.4890, 3.1170, 4.0850

Background



This preview shows how black text looks on a background with the YIQ color 120.4890, 3.1170, 4.0850.



This preview shows how white text looks on a background with the YIQ color 120.4890, 3.1170,

4.0850.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

120.4890, 3.1170, 4.0850

Protanopia

119.9830, -1.3300, 2.0780

Deuteranopia

120.7990, 5.1800, 5.2440



Tritanopia

120.7170, 2.4750, 4.7070

Trichromacy



Original Color

120.4890, 3.1170, 4.0850

Protanomaly

119.9940, 0.1370, 3.0250

Deuteranomaly

120.5000, 4.5840, 5.0320

Tritanomaly

120.6030, 2.7960, 4.3960

Monochromacy



Original Color

120.4890, 3.1170, 4.0850

Achromatopsia

120.0000, -0.0000, -0.0000

Achromatomaly

120.1250, 1.1460, 1.2580

CSS Examples

Text

The CSS property to change the color of the text to YIQ 120.4890, 3.1170, 4.0850 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(126, 117, 124)` looks like.

```
.text, #text, p{  
    color:rgb(126, 117, 124)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(126, 117, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 117, 124) }
```

Border

The CSS property to change the border of an element to YIQ 120.4890, 3.1170, 4.0850 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(126, 117, 124) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(126, 117, 124) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(126, 117, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 117, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 117, 124);  
box-shadow:4px 4px 4px 4px rgb(126, 117,  
124) }
```

Background

The CSS property to change the background color of an element to YIQ 120.4890, 3.1170, 4.0850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 117, 124) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(126,  
117, 124) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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